

NEWS EXPRESS FEBRUARY 08 CURRENT WINDOWS VERSION IS V8.3,
AND CURRENT DISCOVER FILE IS DATED 20 FEBRUARY 2008

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NEWS IPC8 For general information regarding STN implementation of IPC 8

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 12:37:13 ON 27 MAR 2008

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 12:37:26 ON 27 MAR 2008

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STRUCTURE FILE UPDATES: 26 MAR 2008 HIGHEST RN 1010293-80-7

DICTIONARY FILE UPDATES: 26 MAR 2008 HIGHEST RN 1010293-80-7

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

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REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Program Files\Stnexp\Queries\11551319str2.str

L1 STRUCTURE UPLOADED

=> s l1 full

FULL SEARCH INITIATED 12:37:59 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 458 TO ITERATE

100.0% PROCESSED 458 ITERATIONS

21 ANSWERS

SEARCH TIME: 00.00.01

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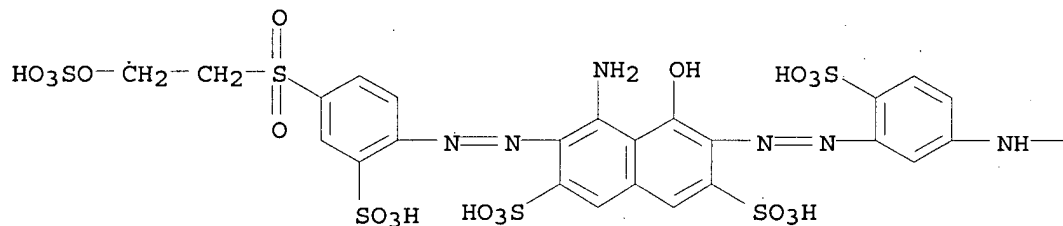
=> d 12 1-21

L2 ANSWER 1 OF 21 REGISTRY COPYRIGHT 2008 ACS on STN
RN 865297-56-9 REGISTRY
ED Entered STN: 14 Oct 2005
CN Cuprate(4-), [2-[[[3-[[4-chloro-6-[ethyl[3-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]-2-(hydroxy-κO)-5-sulfophenyl]azo-κN2]phenylmethyl]azo-κN1]-4-sulfobenzoato(6-)-κO]-, tetrahydrogen, mixt. with
4-amino-6-[[5-[[4-chloro-6-[[4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]-2-sulfophenyl]azo]-5-hydroxy-3-[[2-sulfo-4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]azo]-2,7-naphthalenedisulfonic acid (9CI)
(CA INDEX NAME)
MF C35 H31 Cl N10 O25 S8 . C33 H24 Cl Cu N9 O15 S4 . 4 H
CI MXS
SR CA
LC STN Files: CA, CAPLUS

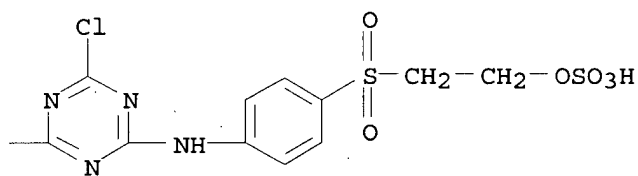
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CRN 748766-76-9
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PAGE 1-A

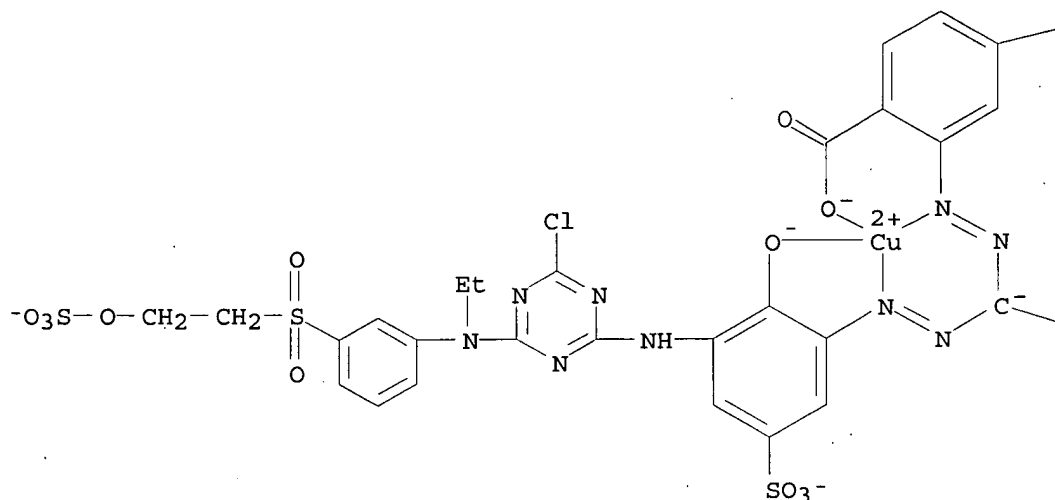


PAGE 1-B



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CCI CCS

-SO₃⁻● 4 H⁺

Ph

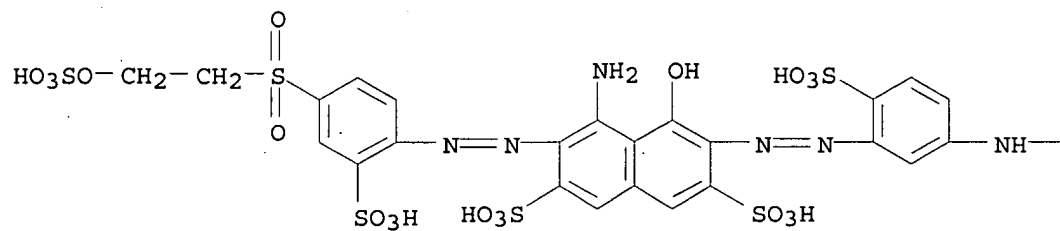
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 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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 ED Entered STN: 14 Oct 2005
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 κN2]phenylmethyl]azo-κN1]-4-sulfobenzoato(6-)-κO]-,
 tetrahydrogen, mixt. with 4-amino-6-[[5-[[4-chloro-6-[[4-[[2-
 (sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]-2-
 sulfophenyl]azo]-5-hydroxy-3-[[2-sulfo-4-[[2-(sulfooxy)ethyl]sulfonyl]phen
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 MF C35 H31 Cl N10 O25 S8 . C31 H20 Cl Cu N9 O15 S4 . 4 H
 CI MXS
 SR CA
 LC STN Files: CA, CAPLUS

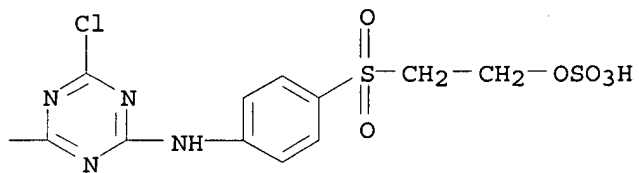
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PAGE 1-B



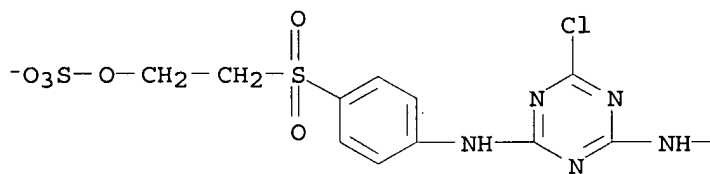
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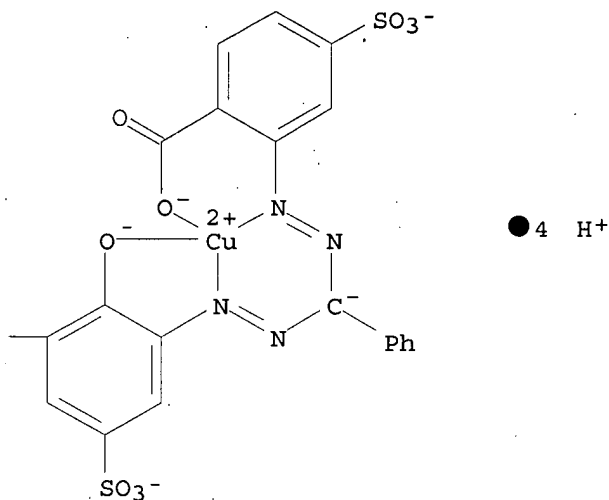
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CCI CCS

PAGE 1-A



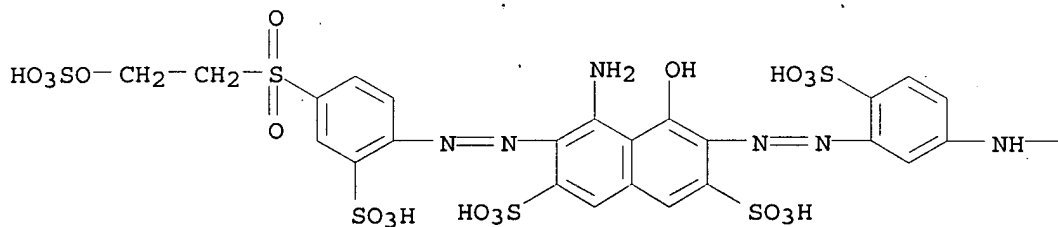


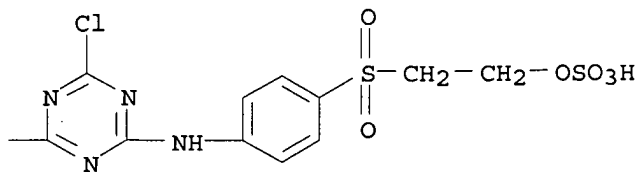
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 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 3 OF 21 REGISTRY COPYRIGHT 2008 ACS on STN
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 ED Entered STN: 14 Oct 2005
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 MF C35 H31 Cl N10 O25 S8 . C29 H23 Cu F N9 O12 S3 . 3 H
 CI MXS
 SR CA
 LC STN Files: CA, CAPLUS

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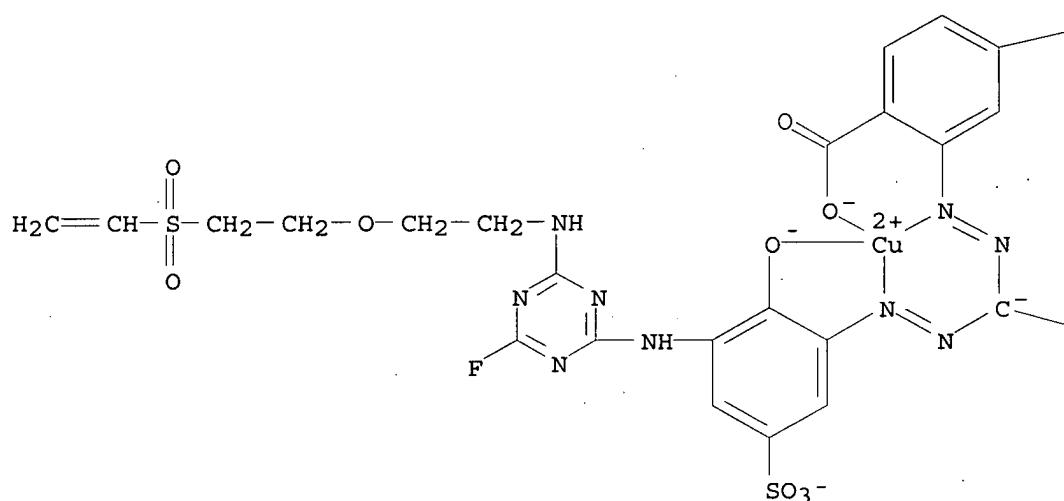
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 CMF C35 H31 Cl N10 O25 S8





CM 2

CRN 133687-39-5 (743392-68-9)
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 CCI CCS



-SO3-

● 3 H+

-Ph

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 4 OF 21 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 865297-53-6 REGISTRY
 ED Entered STN: 14 Oct 2005

CN Cuprate(4-), [2-[[[2-hydroxy-3-sulfo-5-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]azo]phenylmethyl]azo]-4-sulfobenzoato(6-)]-, tetrahydrogen, mixt. with 4-amino-6-[[5-[[4-chloro-6-[[4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]-2-sulfophenyl]azo]-5-hydroxy-3-[[2-sulfo-4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]azo]-2,7-naphthalenedisulfonic acid (9CI)
(CA INDEX NAME)

MF C35 H31 Cl N10 O25 S8 . C22 H14 Cu N4 O15 S4 . 4 H

CI MXS

SR CA

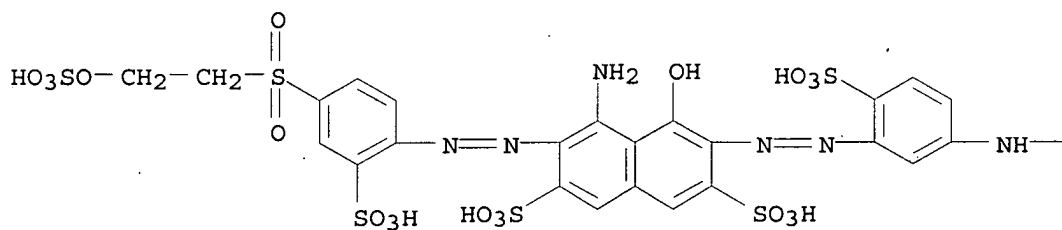
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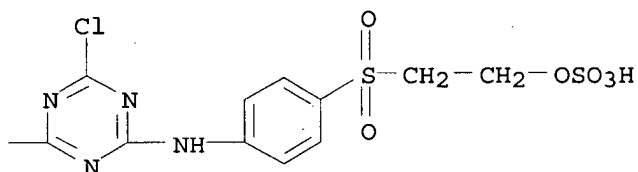
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CMF C35 H31 Cl N10 O25 S8

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PAGE 1-B

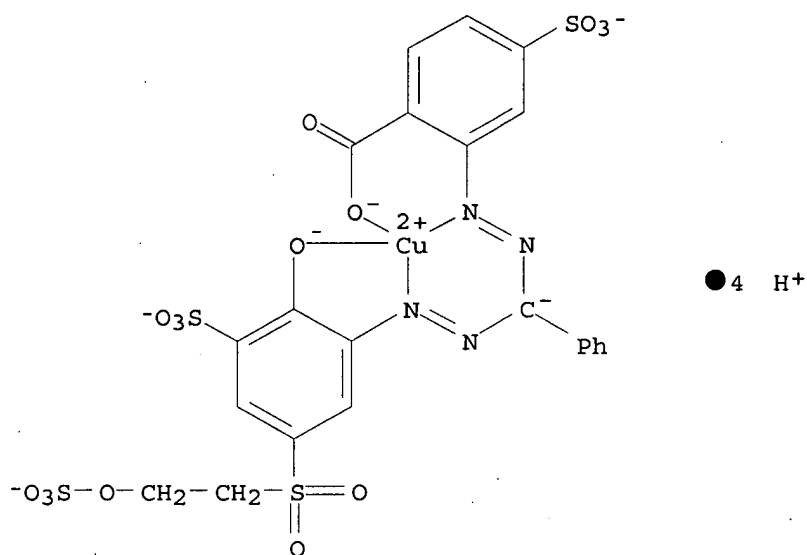


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CCI CCS



1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 5 OF 21 REGISTRY COPYRIGHT 2008 ACS on STN

RN 865297-52-5 REGISTRY

ED Entered STN: 14 Oct 2005

CN 2,7-Naphthalenedisulfonic acid, 4-amino-6-[[5-[[4-chloro-6-[[4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]-2-sulfo-4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]azo]-5-hydroxy-3-[[2-sulfo-4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]azo]-, mixt. with 1-amino-4-[[3-[[4-chloro-6-[[2-[2-[(2-chloroethyl)sulfonyl]ethoxy]ethyl]amino]-1,3,5-triazin-2-yl]amino]-4-methyl-5-sulfo-phenyl]amino]-9,10-dihydro-9,10-dioxo-2-anthracenesulfonic acid (9CI) (CA INDEX NAME)

MF C35 H31 Cl N10 O25 S8 . C30 H29 Cl2 N7 O11 S3

CI MXS

SR CA

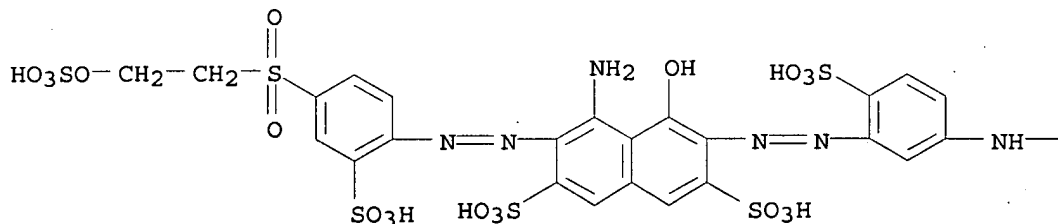
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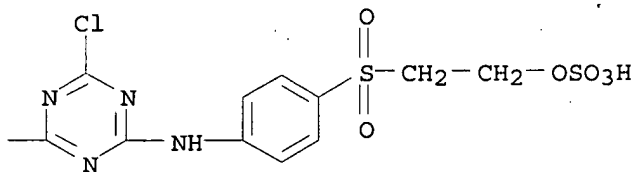
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CMF C35 H31 Cl N10 O25 S8

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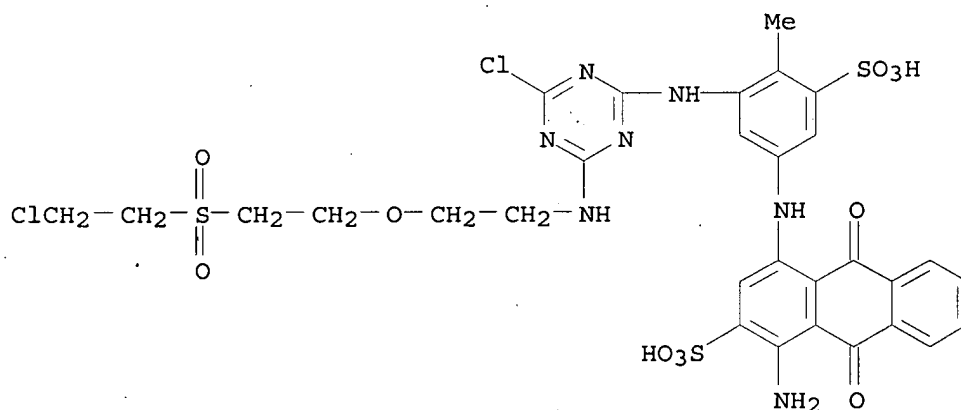




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1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 6 OF 21 REGISTRY COPYRIGHT 2008 ACS on STN

RN 865297-51-4 REGISTRY

ED Entered STN: 14 Oct 2005

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(CA INDEX NAME)

MF C35 H31 Cl N10 O25 S8 . C22 H18 N2 O11 S3

CI MXS

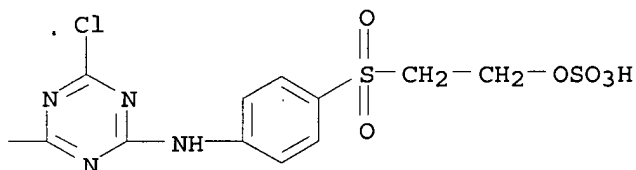
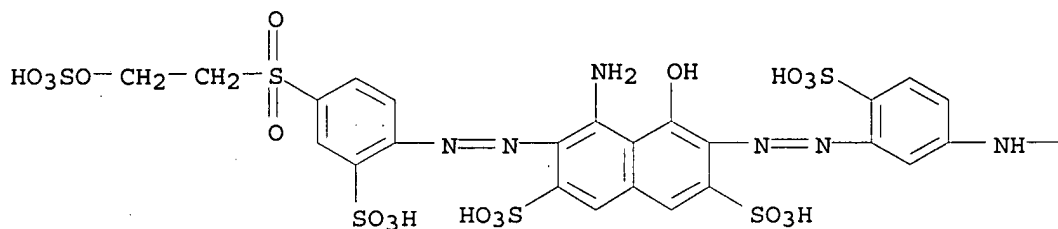
SR CA

LC STN Files: CA, CAPLUS

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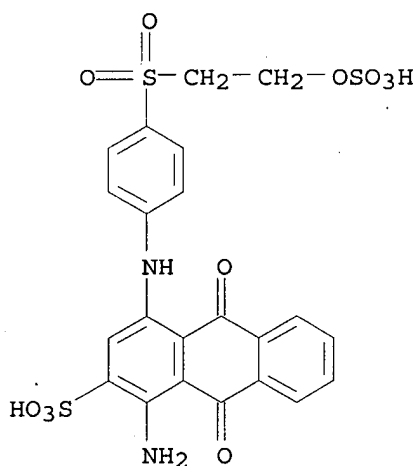
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CM 2

CRN 27184-55-0

CMF C22 H18 N2 O11 S3



1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 7 OF 21 REGISTRY COPYRIGHT 2008 ACS on STN

RN 865297-50-3 REGISTRY

ED Entered STN: 14 Oct 2005

CN 2,7-Naphthalenedisulfonic acid, 4-amino-6-[[5-[[4-chloro-6-[[4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]-2-sulphophenyl]azo]-5-hydroxy-3-[[2-sulfo-4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]azo]-, mixt. with 1-amino-9,10-dihydro-4-[[2-methoxy-5-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-9,10-dioxo-2-anthracenesulfonic acid (9CI) (CA INDEX NAME)

MF C35 H31 Cl N10 O25 S8 . C23 H20 N2 O12 S3

CI MXS

SR CA

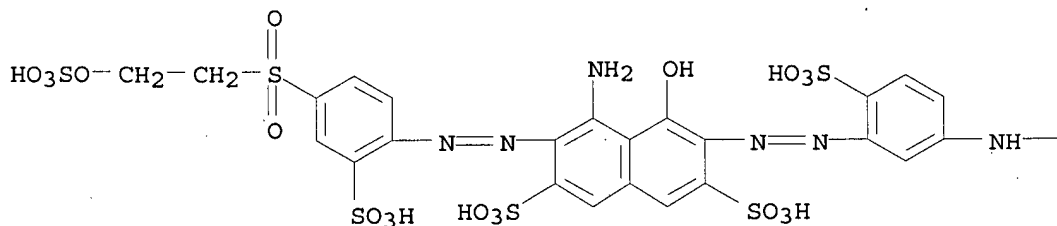
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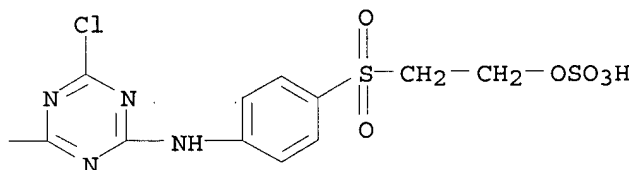
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CMF C35 H31 Cl N10 O25 S8

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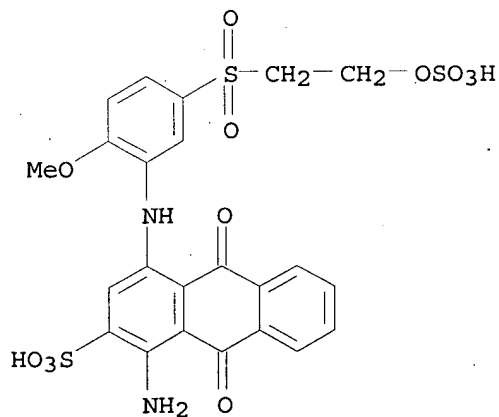
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1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 8 OF 21 REGISTRY COPYRIGHT 2008 ACS on STN

RN 865297-49-0 REGISTRY

ED Entered STN: 14 Oct 2005

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yl]azo]-, mixt. with 2-[[4-[[3-[(4-amino-9,10-dihydro-9,10-dioxo-3-sulfo-1-anthracenyl)amino]-2,2-dimethylpropyl]amino]-6-fluoro-1,3,5-triazin-2-yl]amino]-1,4-benzenedisulfonic acid (9CI) (CA INDEX NAME)

MF C35 H31 Cl N10 O25 S8 . C28 H26 F N7 O11 S3

CI MXS

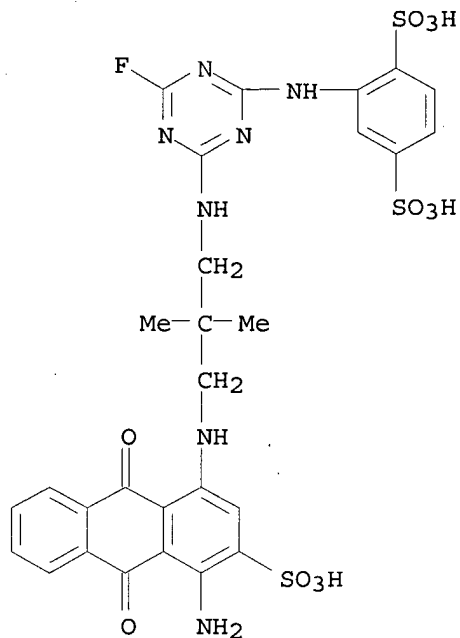
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LC STN Files: CA, CAPLUS

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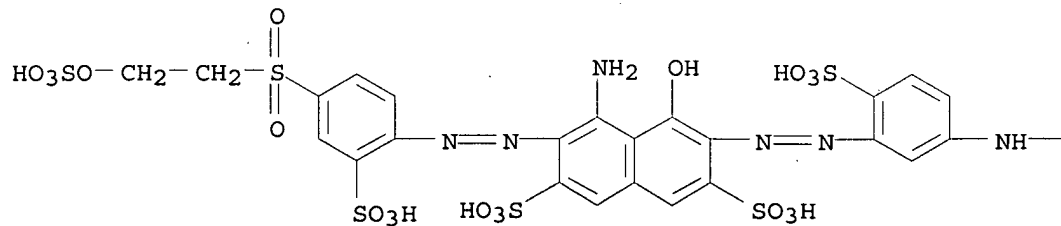


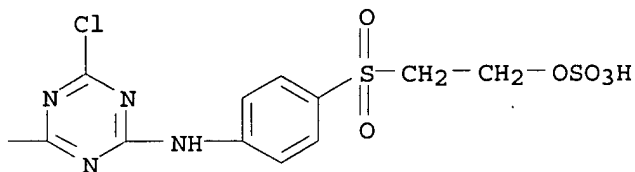
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CMF C35 H31 Cl N10 O25 S8

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1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 9 OF 21 REGISTRY COPYRIGHT 2008 ACS on STN

RN 865297-47-8 REGISTRY

ED Entered STN: 14 Oct 2005

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MF C35 H31 Cl N10 O25 S8 . C32 H26 Cl N7 O11 S3

CI MXS

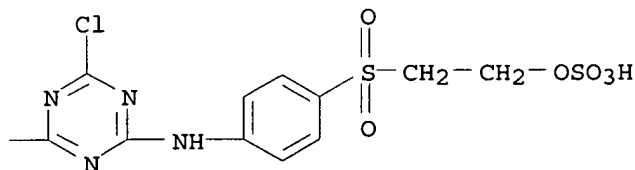
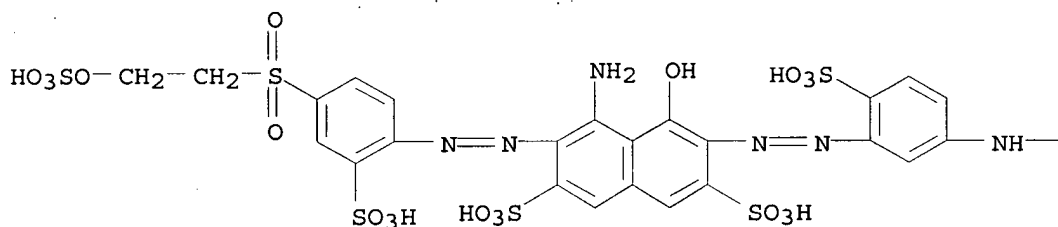
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LC STN Files: CA, CAPLUS

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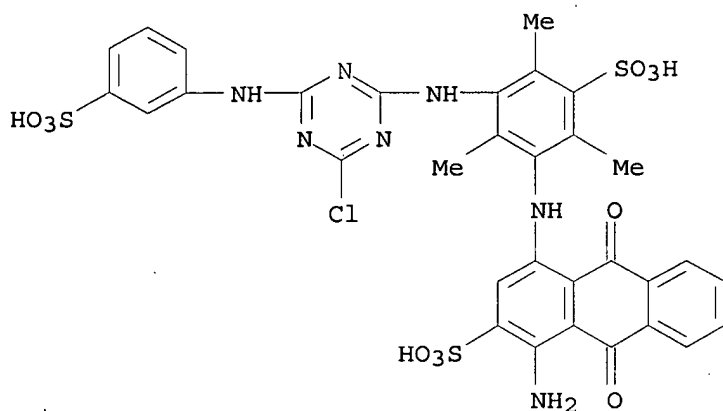
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CRN 105936-74-1

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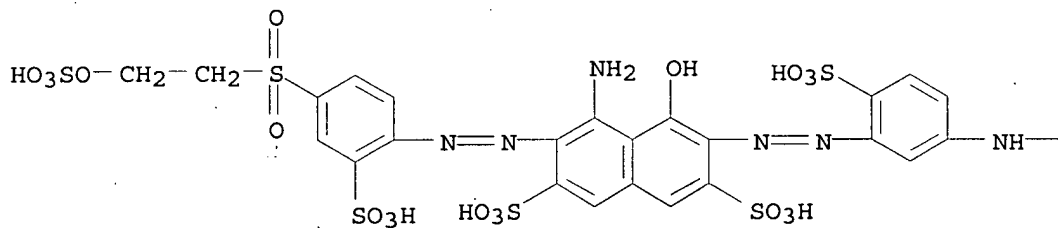
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L2 ANSWER 10 OF 21 REGISTRY COPYRIGHT 2008 ACS on STN
RN 865297-46-7 REGISTRY
ED Entered STN: 14 Oct 2005
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MF C35 H31 Cl N10 O25 S8 . C34 H30 Cl N7 O14 S4
CI MXS
SR CA
LC STN Files: CA, CAPLUS

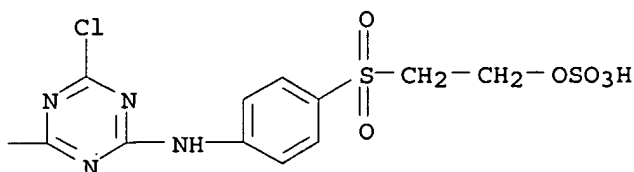
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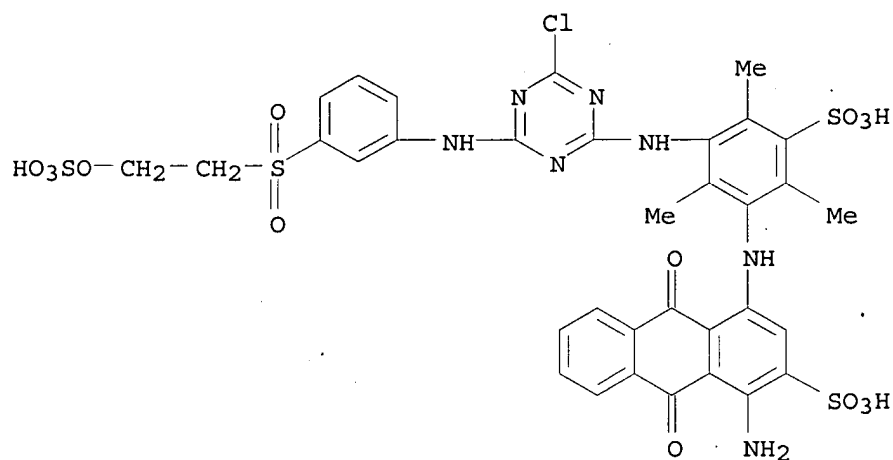
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CM 2

CRN 732940-98-6

CMF C34 H30 Cl N7 O14 S4



1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 11 OF 21 REGISTRY COPYRIGHT 2008 ACS on STN

RN 865297-45-6 REGISTRY

ED Entered STN: 14 Oct 2005

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(CA INDEX NAME)

MF C35 H31 Cl N10 O25 S8 . C22 H18 N2 O11 S3

CI MXS

SR CA

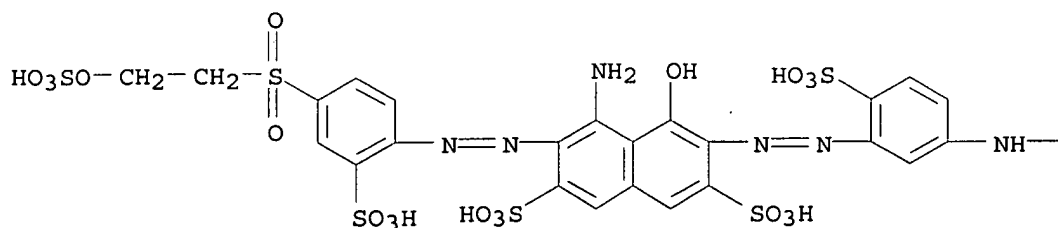
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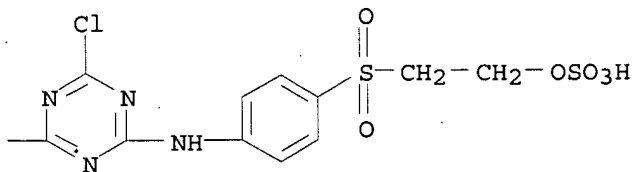
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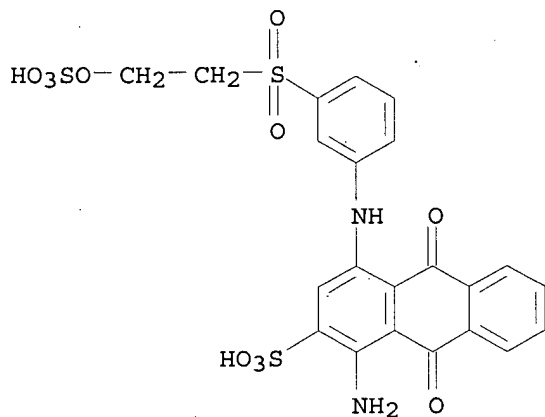




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CMF C22 H18 N2 O11 S3



1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 12 OF 21 REGISTRY COPYRIGHT 2008 ACS on STN

RN 865297-44-5 REGISTRY

ED Entered STN: 14 Oct 2005

CN 2,7-Naphthalenedisulfonic acid, 4-amino-6-[[5-[[4-chloro-6-[[4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]-2-sulfo-4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]azo]-5-hydroxy-3-[[2-sulfo-4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]azo]-, mixt. with 4-amino-5-hydroxy-6-[[2-methoxy-5-methyl-4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]azo]-3-[[4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]azo]-2,7-naphthalenedisulfonic acid (9CI)
(CA INDEX NAME)

MF C35 H31 Cl N10 O25 S8 . C28 H29 N5 O20 S6

CI MXS

SR CA

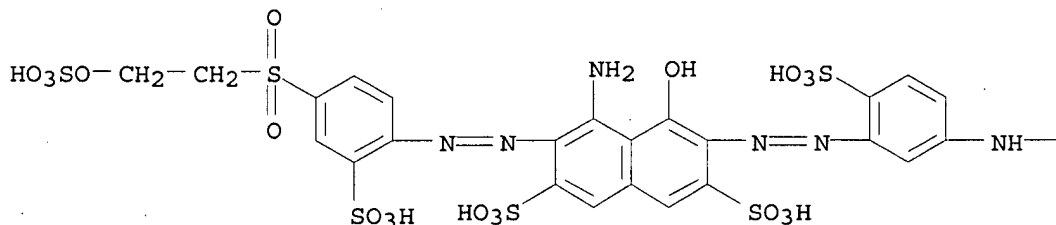
LC STN Files: CA, CAPLUS

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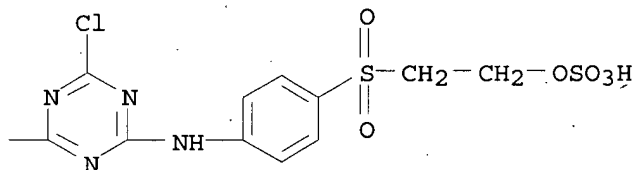
CRN 748766-76-9

CMF C35 H31 Cl N10 O25 S8

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PAGE 1-B

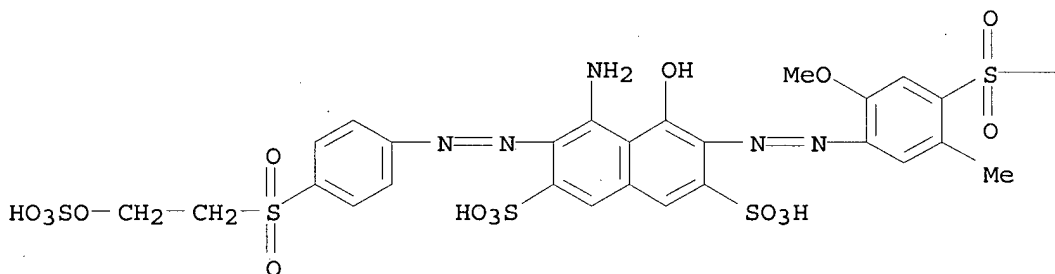


CM 2

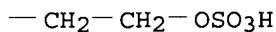
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CMF C28 H29 N5 O20 S6

PAGE 1-A



PAGE 1-B



1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 13 OF 21 REGISTRY COPYRIGHT 2008 ACS on STN

RN 865297-43-4 REGISTRY

ED Entered STN: 14 Oct 2005

CN 2,7-Naphthalenedisulfonic acid, 4-amino-6-[[5-[[4-chloro-6-[[4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]-2-sulphophenyl]azo]-5-hydroxy-3-[[2-sulfo-4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]azo]-, mixt. with 4-amino-5-hydroxy-3,6-bis[[4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]azo]-2,7-naphthalenedisulfonic acid (9CI)
(CA INDEX NAME)

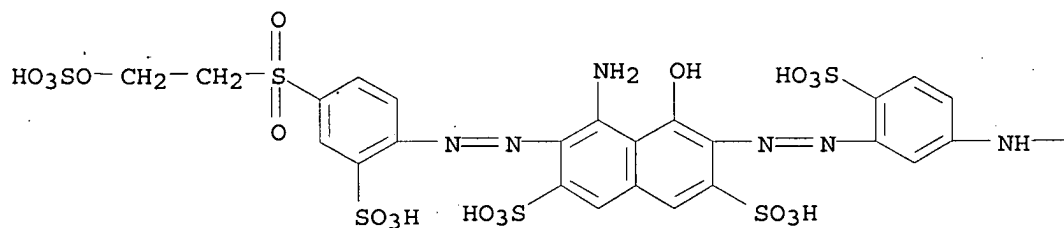
MF C35 H31 Cl N10 O25 S8 . C26 H25 N5 O19 S6

CI MXS
 SR CA
 LC STN Files: CA, CAPLUS

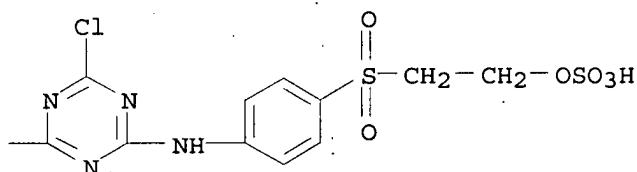
CM 1

CRN 748766-76-9
 CMF C35 H31 Cl N10 O25 S8

PAGE 1-A



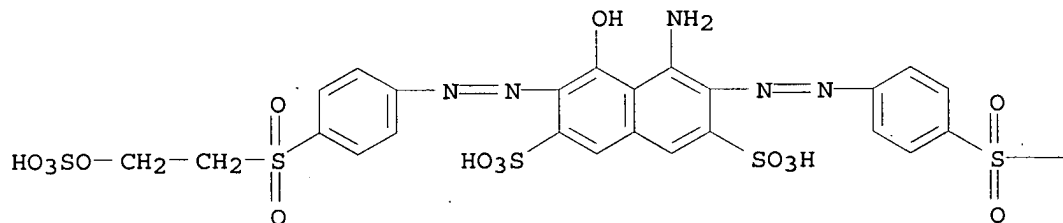
PAGE 1-B



CM 2

CRN 55909-92-7
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PAGE 1-A



PAGE 1-B

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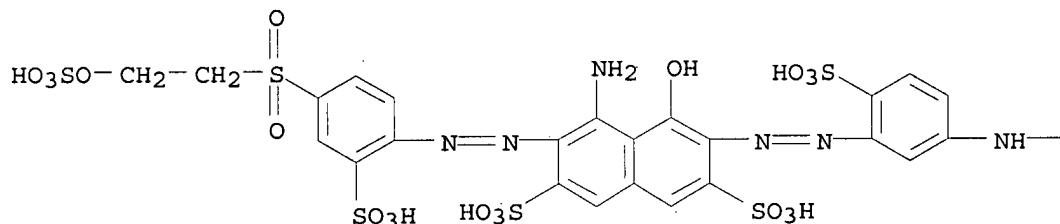
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 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 14 OF 21 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 865297-42-3 REGISTRY
 ED Entered STN: 14 Oct 2005
 CN 2,7-Naphthalenedisulfonic acid, 4-amino-6-[[5-[[4-chloro-6-[[4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]-2-sulfo-phenyl]azo]-5-hydroxy-3-[[2-sulfo-4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]azo]-, mixt. with 4-amino-6-[[2,5-dimethoxy-4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]azo]-5-hydroxy-3-[[4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]azo]-2,7-naphthalenedisulfonic acid (9CI)
 (CA INDEX NAME)
 MF C35 H31 Cl N10 O25 S8 . C28 H29 N5 O21 S6
 CI MXS
 SR CA
 LC STN Files: CA, CAPLUS

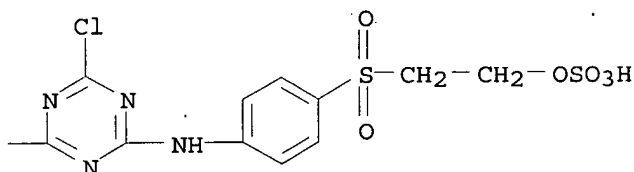
CM 1

CRN 748766-76-9
 CMF C35 H31 Cl N10 O25 S8

PAGE 1-A



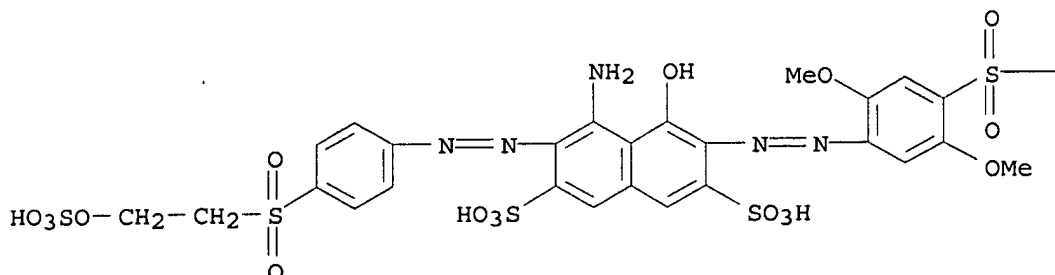
PAGE 1-B



CM 2

CRN 68399-93-9
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PAGE 1-A





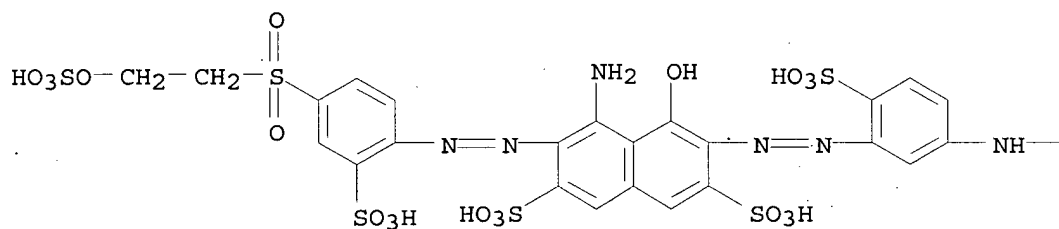
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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 15 OF 21 REGISTRY COPYRIGHT 2008 ACS on STN
RN 865297-41-2 REGISTRY
ED Entered STN: 14 Oct 2005
CN 2,7-Naphthalenedisulfonic acid, 4-amino-6-[[5-[[4-chloro-6-[[4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]-2-sulphophenyl]azo]-5-hydroxy-3-[[2-sulfo-4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]azo]-, mixt. with 4-amino-5-hydroxy-6-[[2-methoxy-5-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]azo]-3-[[4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]azo]-2,7-naphthalenedisulfonic acid (9CI)
(CA INDEX NAME)
MF C35 H31 Cl N10 O25 S8 . C27 H27 N5 O20 S6
CI MXS
SR CA
LC STN Files: CA, CAPLUS

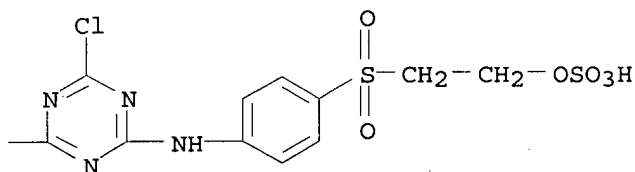
CM 1

CRN 748766-76-9
CMF C35 H31 Cl N10 O25 S8

PAGE 1-A

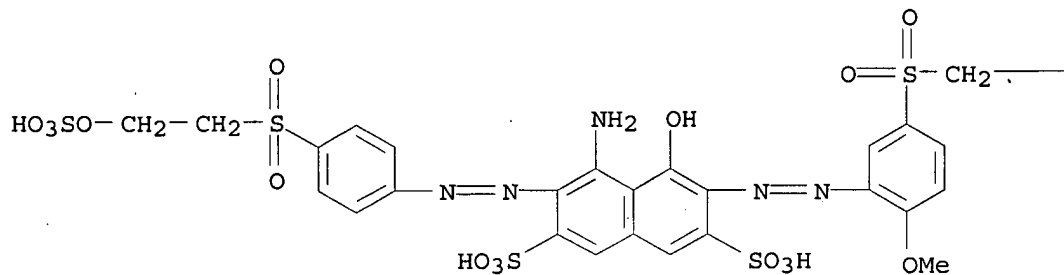


PAGE 1-B



CM 2

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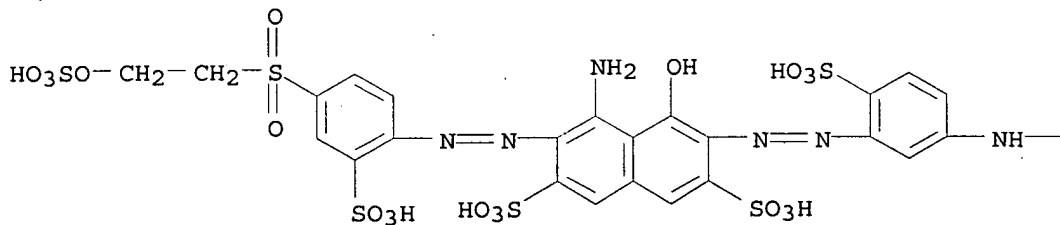
—CH₂—OSO₃H

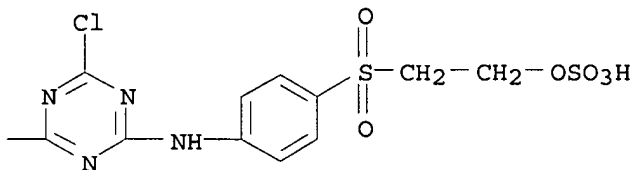
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 16 OF 21 REGISTRY COPYRIGHT 2008 ACS on STN
RN 852807-03-5 REGISTRY
ED Entered STN: 23 Jun 2005
CN 1,5-Naphthalenedisulfonic acid, 2-[[8-[[4-chloro-6-[[3-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]azo]-, mixt. with 4-amino-6-[[5-[[4-chloro-6-[[4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]-2-sulfo-phenyl]azo]-5-hydroxy-3-[[2-sulfo-4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]azo]-2,7-naphthalenedisulfonic acid (9CI) (CA INDEX NAME)
MF C35 H31 Cl N10 O25 S8 . C31 H24 Cl N7 O19 S6
CI MXS
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

CM 1

CRN 748766-76-9
CMF C35 H31 Cl N10 O25 S8

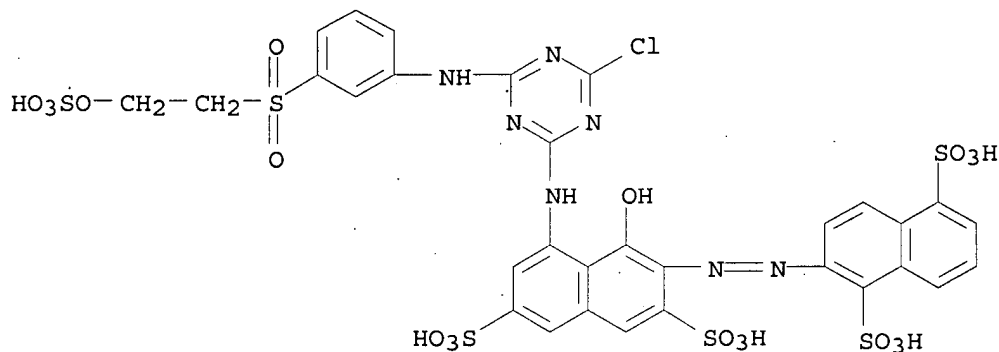




CM 2

CRN 109752-12-7

CMF C31 H24 Cl N7 O19 S6



1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 17 OF 21 REGISTRY COPYRIGHT 2008 ACS on STN

RN 852807-02-4 REGISTRY

ED Entered STN: 23 Jun 2005

CN 1,5-Naphthalenedisulfonic acid, 2-[[8-[[4-chloro-6-[[4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]azo]-, mixt. with 4-amino-6-[[5-[[4-chloro-6-[[4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]-2-sulfo-phenyl]azo]-5-hydroxy-3-[[2-sulfo-4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]azo]-2,7-naphthalenedisulfonic acid (9CI) (CA INDEX NAME)

MF C35 H31 Cl N10 O25 S8 . C31 H24 Cl N7 O19 S6

CI MXS

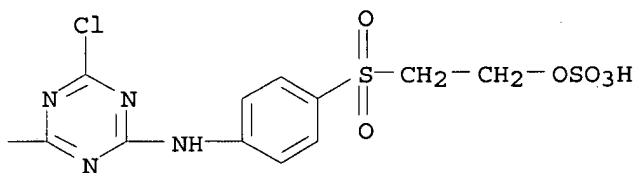
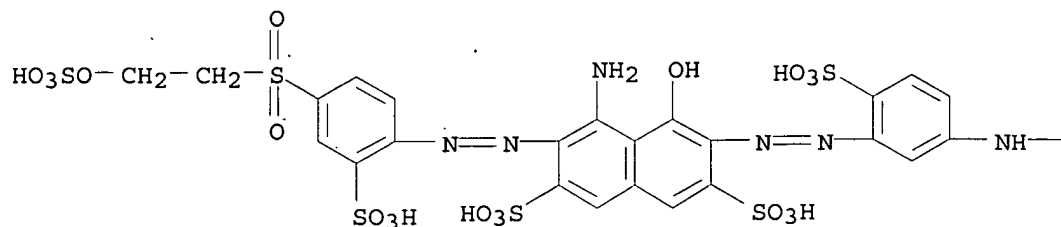
SR CA

LC STN Files: CA, CAPLUS, USPATFULL

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CRN 748766-76-9

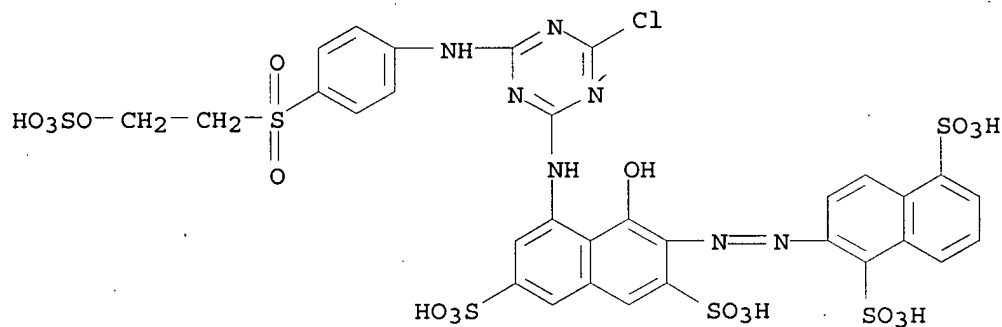
CMF C35 H31 Cl N10 O25 S8



CM 2

CRN 133608-49-8

CMF C31 H24 Cl N7 O19 S6



1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 18 OF 21 REGISTRY COPYRIGHT 2008 ACS on STN

RN 852807-01-3 REGISTRY

ED Entered STN: 23 Jun 2005

CN 2,7-Naphthalenedisulfonic acid, 4-amino-6-[[5-[[4-chloro-6-[[4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]-2-sulfo-4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]azo]-5-hydroxy-3-[[2-sulfo-4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]azo]-, mixt. with 5-[[4-chloro-6-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]-4-hydroxy-3-[(1-sulfo-2-naphthalenyl)azo]-2,7-naphthalenedisulfonic acid (9CI) (CA INDEX NAME)

MF C35 H31 Cl N10 O25 S8 . C33 H28 Cl N7 O16 S5

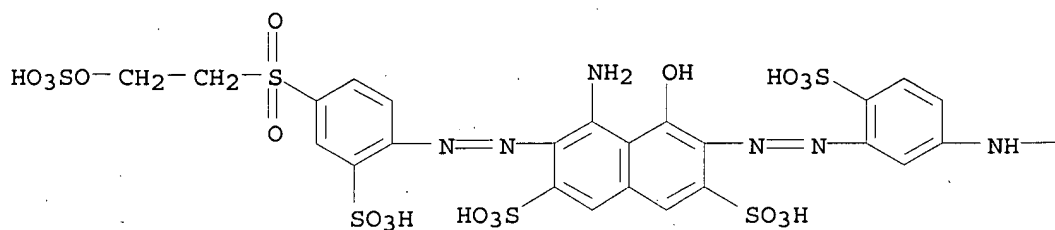
CI MXS

SR CA

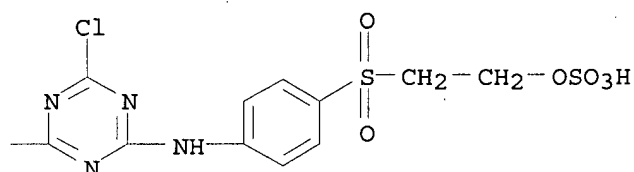
LC STN Files: CA, CAPLUS, USPATFULL

CM 1

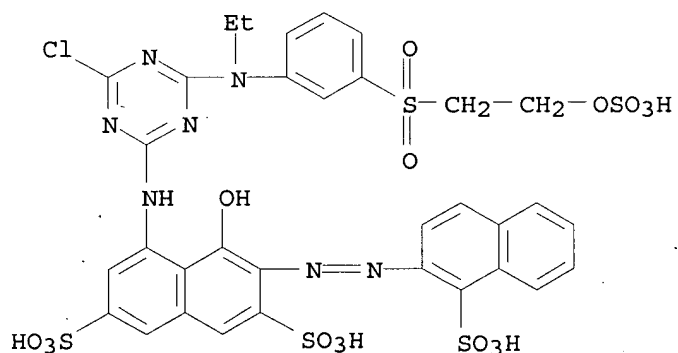
PAGE 1-A



PAGE 1-B



CRN 169225-09-6
CMF C33 H28 C1 N7 O16 S5



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

RN 748766-76-9 REGISTRY

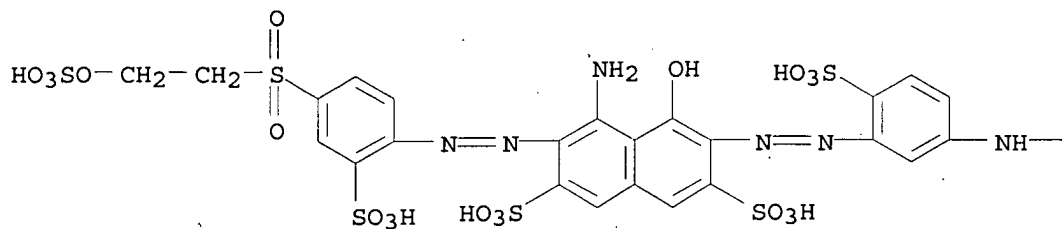
CN 2,7-Naphthalenedisulfonic acid, 4-amino-6-[2-[5-[4-chloro-6-[4-[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]-2-sulphophenyl]diazenyl]-5-hydroxy-3-[2-[2-sulfo-4-[2-(sulfooxy)ethyl]sulfonyl]phenyl]diazenyl]- (CA INDEX NAME)

OTHER CA INDEX NAMES:

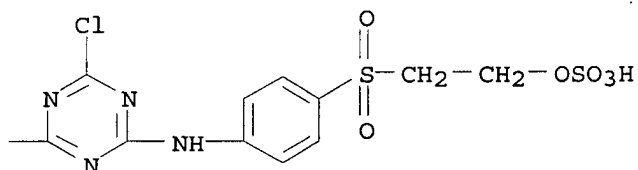
CN 2,7-Naphthalenedisulfonic acid, 4-amino-6-[[5-[[4-chloro-6-[[4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]-2-sulphophenyl]azo]-5-hydroxy-3-[[2-sulfo-4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]azo]-(9CI)

MF C35 H31 Cl N10 O25 S8
 CI COM
 SR CA
 LC STN Files: CA, CAPLUS

PAGE 1-A



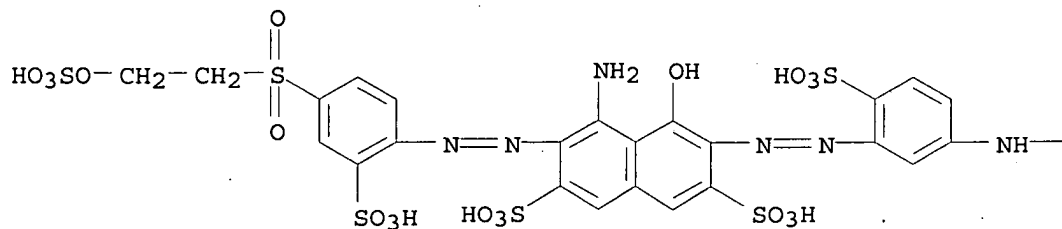
PAGE 1-B



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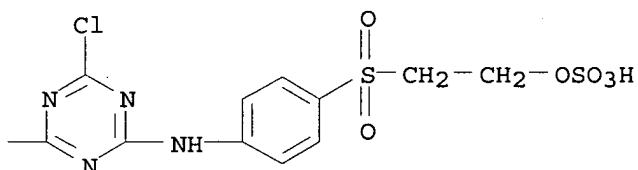
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 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 20 OF 21 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 568539-30-0 REGISTRY
 ED Entered STN: 18 Aug 2003
 CN 2,7-Naphthalenedisulfonic acid, 4-amino-6-[[5-[[4-chloro-6-[[4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]-2-sulphophenyl]azo]-5-hydroxy-3-[[2-sulfo-4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]azo]-, potassium sodium salt (9CI) (CA INDEX NAME)
 MF C35 H31 Cl N10 O25 S8 . x K . x Na
 SR CAS Client Services
 CRN (748766-76-9)

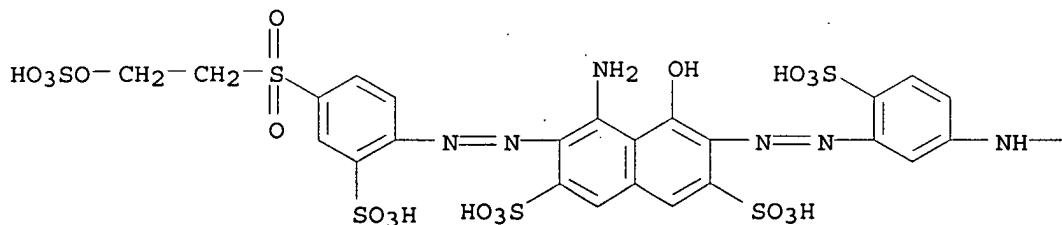


●x K

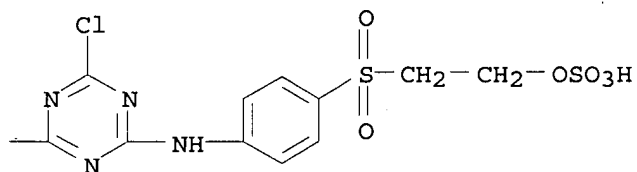
●x Na



L2 ANSWER 21 OF 21 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 503155-14-4 REGISTRY
 ED Entered STN: 16 Apr 2003
 CN 2,7-Naphthalenedisulfonic acid, 4-amino-6-[[5-[[4-chloro-6-[[4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]-2-sulphophenyl]azo]-5-hydroxy-3-[[2-sulfo-4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]azo]-, hexasodium salt (9CI) (CA INDEX NAME)
 MF C35 H31 Cl N10 O25 S8 . 6 Na
 SR CAS Client Services
 CRN (748766-76-9)



●6 Na



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FULL SCREEN SEARCH COMPLETED - 349 TO ITERATE

100.0% PROCESSED 349 ITERATIONS

6 ANSWERS

SEARCH TIME: 00.00.01

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L4 ANSWER 1 OF 6 REGISTRY COPYRIGHT 2008 ACS on STN

RN 1009120-72-2 REGISTRY

ED Entered STN: 20 Mar 2008

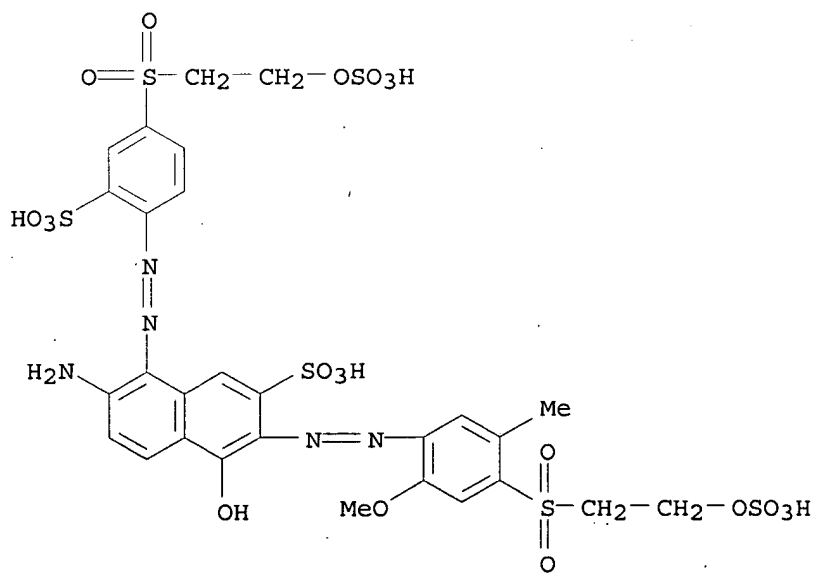
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SR CA

LC STN Files: CAPLUS

CRN (718596-80-6)



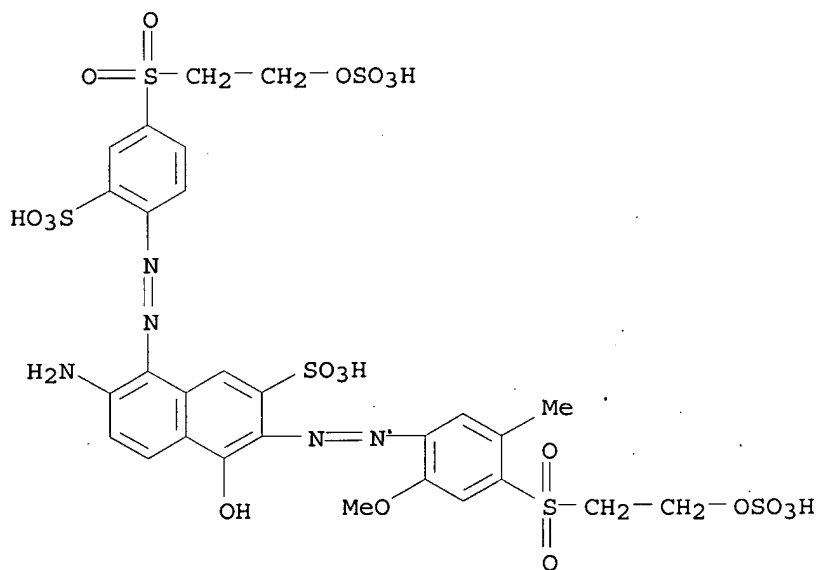
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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L4 ANSWER 2 OF 6 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 862844-82-4 REGISTRY
 ED Entered STN: 09 Sep 2005
 CN 2,7-Naphthalenedisulfonic acid, 4-amino-6-[[2,5-dimethoxy-4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]azo]-5-hydroxy-3-[[4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]azo]-, mixt. with 4-amino-5-hydroxy-3,6-bis[[4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]azo]-2,7-naphthalenedisulfonic acid, 7-amino-4-hydroxy-3-[[2-methoxy-5-methyl-4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]azo]-8-[[2-sulfo-4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]azo]-2-naphthalenesulfonic acid and 2,4-diamino-3,5-bis[[4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]azo]benzenesulfonic acid (9CI) (CA INDEX NAME)
 MF C28 H29 N5 O21 S6 . C28 H29 N5 O20 S6 . C26 H25 N5 O19 S6 . C22 H24 N6 O15 S5
 CI MXS
 SR CA
 LC STN Files: CA, CAPLUS

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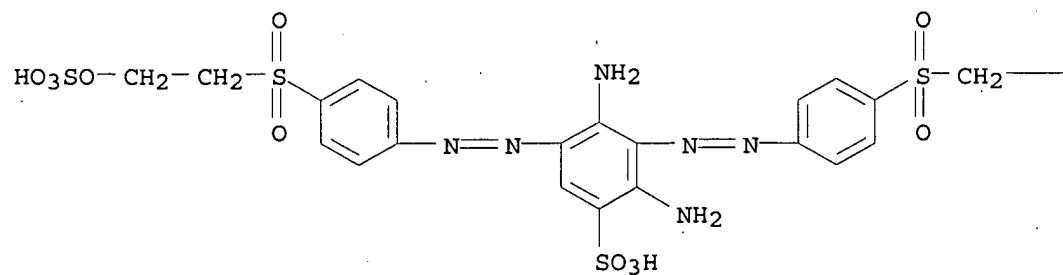
CRN 718596-80-6
 CMF C28 H29 N5 O20 S6



CM 2

CRN 215674-61-6
 CMF C22 H24 N6 O15 S5

PAGE 1-A



PAGE 1-B

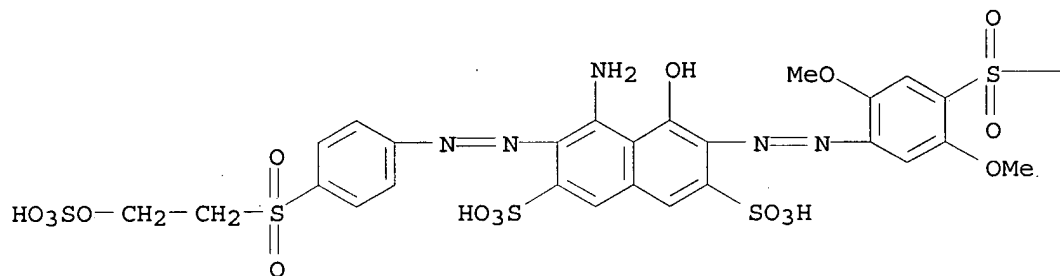
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CM 3

CRN 68399-93-9

CMF C28 H29 N5 O21 S6

PAGE 1-A



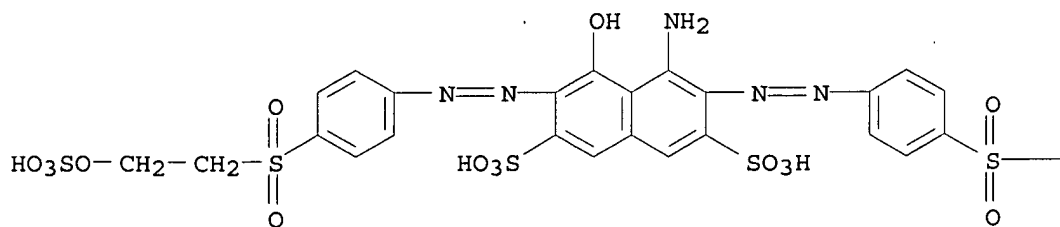
PAGE 1-B

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CM 4

CRN 55909-92-7

CMF C26 H25 N5 O19 S6



— CH₂— CH₂— OSO₃H

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L4 ANSWER 3 OF 6 REGISTRY COPYRIGHT 2008 ACS on STN

RN 850611-04-0 REGISTRY

ED Entered STN: 18 May 2005

CN 1,5-Naphthalenedisulfonic acid, 2-[[8-[[4-chloro-6-[[4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]azo]-, mixt. with 7-amino-4-hydroxy-3-[[2-methoxy-5-methyl-4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]azo]-8-[[2-sulfo-4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]azo]-2-naphthalenesulfonic acid (9CI)
(CA INDEX NAME)

MF C31 H24 Cl N7 O19 S6 . C28 H29 N5 O20 S6

CI MXS

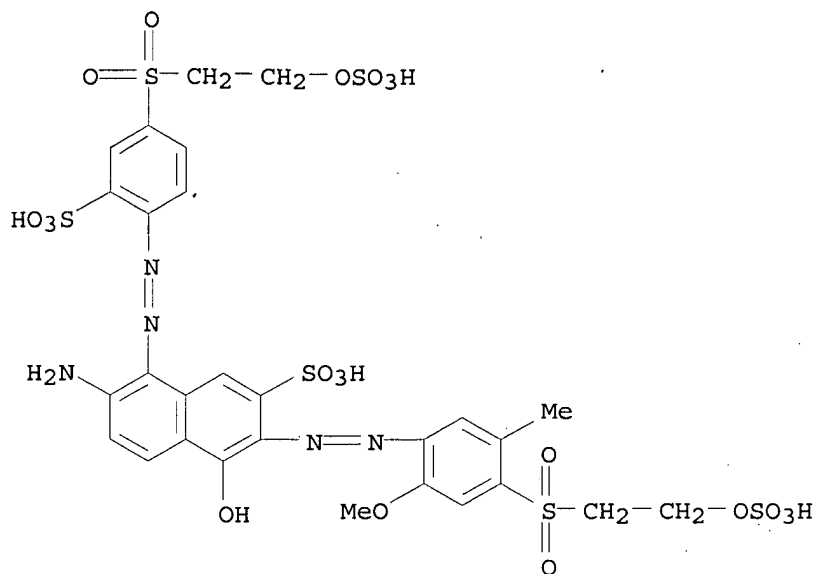
SR CA

LC STN Files: CA, CAPLUS, USPATFULL

CM 1

CRN 718596-80-6

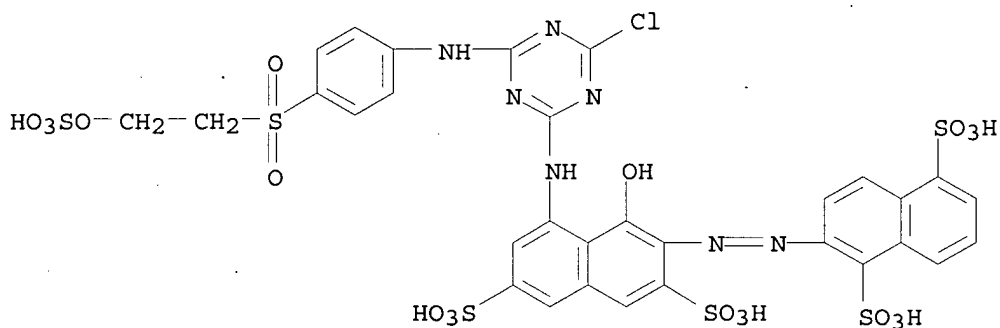
CMF C28 H29 N5 O20 S6



CM 2

CRN 133608-49-8

CMF C31 H24 Cl N7 O19 S6



1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L4 ANSWER 4 OF 6 REGISTRY COPYRIGHT 2008 ACS on STN

RN 718596-80-6 REGISTRY

ED Entered STN: 28 Jul 2004

CN 2-Naphthalenesulfonic acid, 7-amino-4-hydroxy-3-[2-[2-methoxy-5-methyl-4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]diazenyl]-8-[2-[2-sulfo-4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]diazenyl]- (CA INDEX NAME)

OTHER CA INDEX NAMES:

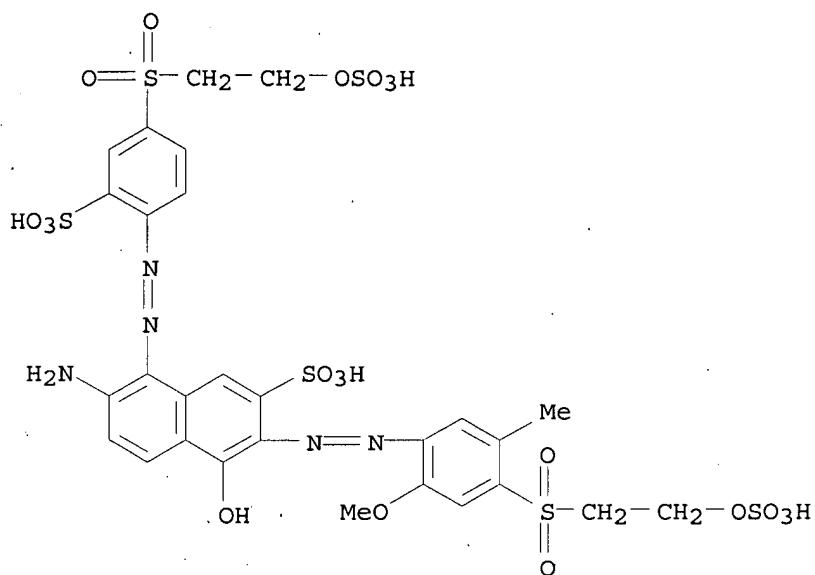
CN 2-Naphthalenesulfonic acid, 7-amino-4-hydroxy-3-[[2-methoxy-5-methyl-4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]azo]-8-[[2-sulfo-4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]azo]- (9CI)

MF C28 H29 N5 O20 S6

CI COM

SR CA

LC STN Files: CA, CAPLUS

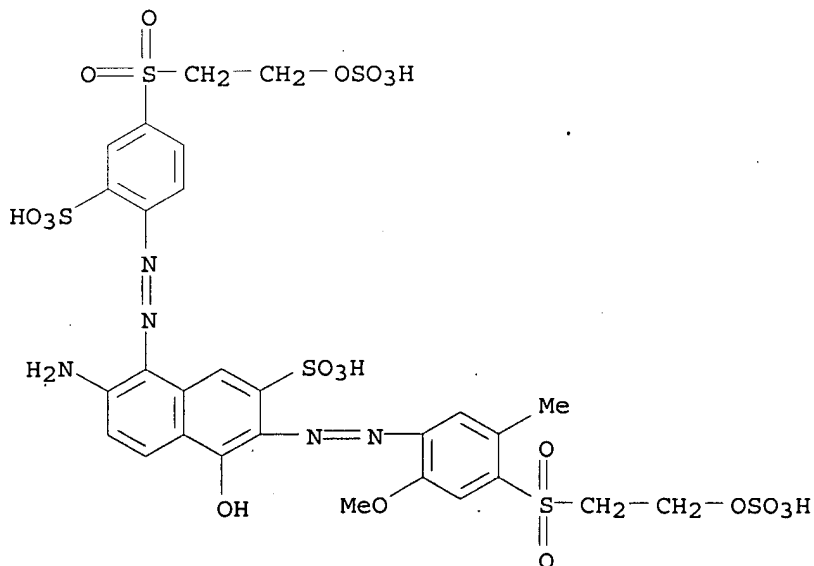


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1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L4 ANSWER 5 OF 6 REGISTRY COPYRIGHT 2008 ACS on STN
RN 568539-10-6 REGISTRY
ED Entered STN: 18 Aug 2003
CN 2-Naphthalenesulfonic acid, 7-amino-4-hydroxy-3-[[2-methoxy-5-methyl-4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]azo]-8-[[2-sulfo-4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]azo]-, potassium sodium salt (9CI). (CA INDEX NAME)
MF C28 H29 N5 O20 S6 . x K . x Na
SR CAS Client Services
CRN (718596-80-6)

PAGE 1-A



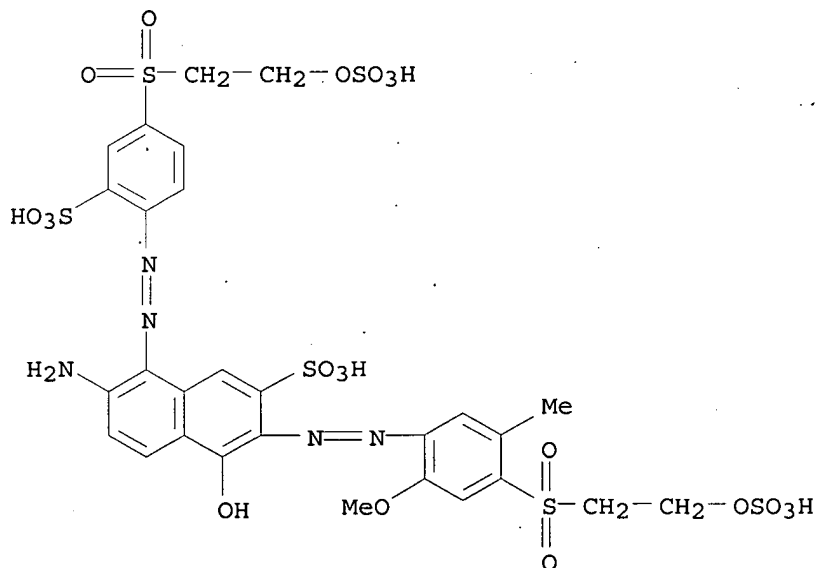
●x K

●x Na

L4 ANSWER 6 OF 6 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 503155-49-5 REGISTRY
 ED Entered STN: 16 Apr 2003
 CN 2-Naphthalenesulfonic acid, 7-amino-4-hydroxy-3-[2-[2-methoxy-5-methyl-4-
 [[2-(sulfooxy)ethyl]sulfonyl]phenyl]diazenyl]-8-[2-[2-sulfo-4-[[2-
 (sulfooxy)ethyl]sulfonyl]phenyl]diazenyl]-, sodium salt (1:4) (CA INDEX
 NAME)

OTHER CA INDEX NAMES:

CN 2-Naphthalenesulfonic acid, 7-amino-4-hydroxy-3-[[2-methoxy-5-methyl-4-[[2-
 (sulfooxy)ethyl]sulfonyl]phenyl]azo]-8-[[2-sulfo-4-[[2-
 (sulfooxy)ethyl]sulfonyl]phenyl]azo]-, tetrasodium salt (9CI)
 MF C28 H29 N5 O20 S6 . 4 Na
 SR CAS Client Services
 LC STN Files: CA, CAPLUS, USPATFULL
 CRN (718596-80-6)



●4 Na

2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus
COST IN U.S. DOLLARS
FULL ESTIMATED COST

SINCE FILE ENTRY	TOTAL SESSION
412.10	412.31

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FILE COVERS 1907 - 27 Mar 2008 VOL 148 ISS 13
FILE LAST UPDATED: 26 Mar 2008 (20080326/ED)

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=> s 718596-80-6/rn full
1 718596-80-6
0 718596-80-6D
L5 1 718596-80-6/RN
(718596-80-6 (NOTL) 718596-80-6D)

=> d 15 1

L5 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2007:1468867 CAPLUS
DN 148:101973
TI Dye mixtures of reactive azo dyes, production and use thereof
IN Ehrenberg, Stefan
PA Dystar Textilfarben G.m.b.H. & Co Deutschland KG, Germany
SO PCT Int. Appl., 75pp.
CODEN: PIXXD2
DT Patent
LA German
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2007147774	A2	20071227	WO 2007-EP55916	20070614
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			

DE 102006028229 A1 20080110 DE 2006-102006028229 20060620
PRAI DE 2006-102006028229 A 20060620

=> s 748766-76-9 full

REGISTRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress...

Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

L7 1 L6

=> s 748766-76-9/rn full

1 748766-76-9

0 748766-76-9D

L8 1 748766-76-9/RN

(748766-76-9 (NOTL) 748766-76-9D)

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

6.84

425.54

FILE 'CAPLUS' ENTERED AT 12:41:27 ON 27 MAR 2008

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

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FILE COVERS 1907 - 27 Mar 2008 VOL 148 ISS 13

FILE LAST UPDATED: 26 Mar 2008 (20080326/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply.

They are available for your review at:

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=> s 748766-76-9/rn full

1 748766-76-9

0 748766-76-9D

L9 1 748766-76-9/RN

(748766-76-9 (NOTL) 748766-76-9D)

=> d 19 1

L9 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2007:1468867 CAPLUS

DN 148:101973

TI Dye mixtures of reactive azo dyes, production and use thereof
 IN Ehrenberg, Stefan
 PA Dystar Textilfarben G.m.b.H. & Co Deutschland KG, Germany
 SO PCT Int. Appl., 75pp.
 CODEN: PIXXD2
 DT Patent
 LA German
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2007147774	A2	20071227	WO 2007-EP55916	20070614
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=> s 12 full
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=> d 110 1-3

L10 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 2007:1468867 CAPLUS
 DN 148:101973
 TI Dye mixtures of reactive azo dyes, production and use thereof
 IN Ehrenberg, Stefan
 PA Dystar Textilfarben G.m.b.H. & Co Deutschland KG, Germany
 SO PCT Int. Appl., 75pp.
 CODEN: PIXXD2
 DT Patent
 LA German
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2007147774	A2	20071227	WO 2007-EP55916	20070614
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM DE 102006028229 A1 20080110 DE 2006-102006028229 20060620 PRAI DE 2006-102006028229 A 20060620				

L10 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 2005:1042345 CAPLUS
 DN 143:348672

TI Mixtures of reactive dyes and their use
IN Tzikas, Athanassios; Roentgen, Georg
PA Ciba Specialty Chemicals Holding Inc., Switz.
SO PCT Int. Appl., 31 pp.
CODEN: PIXXD2

DT Patent
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2005090485	A1	20050929	WO 2005-EP51037	20050309
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	RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	EP 1725618	A1	20061129	EP 2005-716960	20050309
	R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR				
	CN 1934195	A	20070321	CN 2005-80008734	20050309
	BR 2005008958	A	20070814	BR 2005-8958	20050309
	MX 2006PA10605	A	20070419	MX 2006-PA10605	20060918
	IN 2006CN03850	A	20070615	IN 2006-CN3850	20061018
PRAI	EP 2004-101142	A	20040319		
	WO 2005-EP51037	W	20050309		

OS MARPAT 143:348672

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2005:493653 CAPLUS

DN 143:28077

TI Mixtures of reactive dyes and their use
IN Tzikas, Athanassios; Roentgen, Georg
PA Ciba Specialty Chemicals Holding Inc., Switz.
SO PCT Int. Appl., 24 pp.
CODEN: PIXXD2

DT Patent
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2005052063	A2	20050609	WO 2004-EP52844	20041108
	WO 2005052063	A3	20050915		
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	EP 1685197	A2	20060802	EP 2004-817560	20041108
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, IS				

CN 1882661	A	20061220	CN 2004-80033591	20041108
US 2007124875	A1	20070607	US 2006-579364	20060515
IN 2006CN01747	A	20070629	IN 2006-CN1747	20060518
PRAI EP 2003-104263	A	20031118		
WO 2004-EP52844	W	20041108		
OS MARPAT 143:28077				

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REGISTRY INITIATED

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FULL SEARCH INITIATED 12:44:05 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 349 TO ITERATE

100.0% PROCESSED 349 ITERATIONS 6 ANSWERS
SEARCH TIME: 00.00.01

L11 6 SEA SSS FUL L3

L12 6 L11

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.48	615.38

FULL ESTIMATED COST

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FILE LAST UPDATED: 26 Mar 2008 (20080326/ED)

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=> s l3 full

REGISTRY INITIATED

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FULL SEARCH INITIATED 12:44:20 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 349 TO ITERATE

100.0% PROCESSED 349 ITERATIONS 6 ANSWERS
SEARCH TIME: 00.00.01

L13 6 SEA SSS FUL L3

L14 6 L13

=> d l14 1-6

L14 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2008:186861 CAPLUS
TI High-concentration composite reactive dye
IN Lu, Rongwen; Gao, Kunyu
PA Dalian University of Technology, Peop. Rep. China
SO Faming Zhuanli Shenqing Gongkai Shuomingshu, 24pp.
CODEN: CNXXEV
DT Patent
LA Chinese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CN 101117449	A	20080206	CN 2007-10012746	20070904
PRAI	CN 2007-10012746		20070904		

L14 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2007:1468867 CAPLUS
DN 148:101973
TI Dye mixtures of reactive azo dyes, production and use thereof
IN Ehrenberg, Stefan
PA Dystar Textilfarben G.m.b.H. & Co Deutschland KG, Germany
SO PCT Int. Appl., 75pp.
CODEN: PIXXD2
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2007147774	A2	20071227	WO 2007-EP55916	20070614
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	DE 102006028229	A1	20080110	DE 2006-102006028229	20060620
PRAI	DE 2006-102006028229	A	20060620		

L14 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2007:410767 CAPLUS
DN 146:403636

TI Azo reactive dyes and mixtures of fiber-reactive azo dyes, their preparation and their use
IN Eichhorn, Joachim; Meier, Stefan; Russ, Werner
PA Dystar Textilfarben GmbH & Co Deutschland KG, Germany
SO PCT Int. Appl., 158pp.
CODEN: PIXXD2

DT Patent
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2007039573	A2	20070412	WO 2006-EP66911	20060929
	WO 2007039573	A3	20071129		
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	RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA			
	DE 102005047391	A1	20070412	DE 2005-102005047391	20051005
PRAI	DE 2005-102005047391 A		20051005		
OS	MARPAT 146:403636				

L14 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2005:962348 CAPLUS
DN 143:231380
TI Mixtures of reactive dyes and their use
IN Hannemann, Klaus
PA Ciba Specialty Chemicals Holding Inc., Switz.
SO PCT Int. Appl., 35 pp.
CODEN: PIXXD2

DT Patent
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2005080508	A1	20050901	WO 2005-EP50477	20050204
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
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	CN 1918245	A	20070221	CN 2005-80004404	20050204
PRAI	EP 2004-100554	A	20040213		
	WO 2005-EP50477	W	20050204		
OS	MARPAT 143:231380				

RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 2005:395401 CAPLUS
 DN 142:431537
 TI Mixtures of reactive azo dyes and their use for textile printing
 IN Tzikas, Athanassios; Roentgen, Georg; Fekete, Laszlo
 PA Ciba Specialty Chemicals Holding Inc., Switz.
 SO PCT Int. Appl., 41 pp.
 CODEN: PIXXD2

DT Patent
 LA English

FAN.CNT 1

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	CN 1871308	A	20061129	CN 2004-80030829	20041011
	US 2007032641	A1	20070208	US 2006-576056	20060418
	IN 2006CN01346	A	20070706	IN 2006-CN1346	20060419
PRAI	EP 2003-103865	A	20031020		
	WO 2004-EP52489	W	20041011		

OS MARPAT 142:431537

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 2003:777902 CAPLUS
 DN 139:293419
 TI Mixtures of reactive azo dyes, their production and their use
 IN Eichhorn, Joachim; Russ, Werner; Meier, Stefan; Mrotzeck, Uwe
 PA Dystar Textilfarben G.m.b.H. & Co. Deutschland K.-G., Germany
 SO PCT Int. Appl., 220 pp.
 CODEN: PIXXD2

DT Patent
 LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003080739	A1	20031002	WO 2003-EP2836	20030318
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	DE 10212769	A1	20031002	DE 2002-10212769	20020322
	DE 10212770	A1	20031002	DE 2002-10212770	20020322
	DE 10217476	A1	20031106	DE 2002-10217476	20020419

DE 10217478	A1	20031106	DE 2002-10217478	20020419
DE 10309406	A1	20040916	DE 2003-10309406	20030305
CA 2477718	A1	20031002	CA 2003-2477718	20030318
AU 2003222770	A1	20031008	AU 2003-222770	20030318
EP 1490441	A1	20041229	EP 2003-718695	20030318
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
BR 2003008755	A	20050111	BR 2003-8755	20030318
JP 2005520909	T	20050714	JP 2003-578477	20030318
CN 1643079	A	20050720	CN 2003-806584	20030318
IN 2004KN01166	A	20060512	IN 2004-KN1166	20040812
MX 2004PA09131	A	20041207	MX 2004-PA9131	20040921
US 2005166339	A1	20050804	US 2004-508630	20041013
ZA 200406383	A	20060531	ZA 2004-6383	20060327
PRAI DE 2002-10212769	A	20020322		
DE 2002-10212770	A	20020322		
DE 2002-10217476	A	20020419		
DE 2002-10217478	A	20020419		
DE 2003-10309406	A	20030305		
WO 2003-EP2836	W	20030318		
OS MARPAT 139:293419				
RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT				

=> file reg		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	9.66	803.88

FILE 'REGISTRY' ENTERED AT 12:47:16 ON 27 MAR 2008
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STRUCTURE FILE UPDATES: 26 MAR 2008 HIGHEST RN 1010293-80-7
 DICTIONARY FILE UPDATES: 26 MAR 2008 HIGHEST RN 1010293-80-7

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 experimental property data in the original document. For information
 on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>
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L15 STRUCTURE UPLOADED

=> s l15 full
 FULL SEARCH INITIATED 12:47:47 FILE 'REGISTRY'
 FULL SCREEN SEARCH COMPLETED - 458 TO ITERATE

100.0% PROCESSED 458 ITERATIONS
SEARCH TIME: 00.00.01

22 ANSWERS

L16 22 SEA SSS FUL L15

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L17 STRUCTURE UPLOADED

=> s l17 full

FULL SEARCH INITIATED 12:48:17 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 1483 TO ITERATE

100.0% PROCESSED 1483 ITERATIONS
SEARCH TIME: 00.00.01

18 ANSWERS

L18 18 SEA SSS FUL L17

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

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1160.60

FILE 'REGISTRY' ENTERED AT 12:48:21 ON 27 MAR 2008
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Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 26 MAR 2008 HIGHEST RN 1010293-80-7
DICTIONARY FILE UPDATES: 26 MAR 2008 HIGHEST RN 1010293-80-7

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.46

1161.06

FILE 'CAPLUS' ENTERED AT 12:48:26 ON 27 MAR 2008
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FILE COVERS 1907 - 27 Mar 2008 VOL 148 ISS 13
FILE LAST UPDATED: 26 Mar 2008 (20080326/ED)

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<http://www.cas.org/infopolicy.html>

=> s l17 full

REGISTRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress...

Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

FULL SEARCH INITIATED 12:48:34 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 1483 TO ITERATE

100.0% PROCESSED 1483 ITERATIONS
SEARCH TIME: 00.00.01

18 ANSWERS

L19 18 SEA SSS FUL L17

L20 14 L19

=> s l18 full

L21 14 L18

=> s l17 and l18 full

REGISTRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress...

Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

FULL SEARCH INITIATED 12:48:47 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 1483 TO ITERATE

100.0% PROCESSED 1483 ITERATIONS
SEARCH TIME: 00.00.01

18 ANSWERS

L22 18 SEA SSS FUL L17

L23 14 L22

14 L18

L24 14 L23 AND L18

=> d l24 1-14

L24 ANSWER 1 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 2008:186861 CAPLUS
 TI High-concentration composite reactive dye
 IN Lu, Rongwen; Gao, Kunyu
 PA Dalian University of Technology, Peop. Rep. China
 SO Faming Zhuanli Shenqing Gongkai Shuomingshu, 24pp.
 CODEN: CNXXEV
 DT Patent
 LA Chinese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CN 101117449	A	20080206	CN 2007-10012746	20070904
PRAI	CN 2007-10012746		20070904		

L24 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 2007:1468867 CAPLUS
 DN 148:101973
 TI Dye mixtures of reactive azo dyes, production and use thereof
 IN Ehrenberg, Stefan
 PA Dystar Textilfarben G.m.b.H. & Co Deutschland KG, Germany
 SO PCT Int. Appl., 75pp.
 CODEN: PIXXD2

DT Patent
 LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2007147774	A2	20071227	WO 2007-EP55916	20070614
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	DE 102006028229	A1	20080110	DE 2006-102006028229	20060620
PRAI	DE 2006-102006028229	A	20060620		

L24 ANSWER 3 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 2007:410767 CAPLUS
 DN 146:403636
 TI Azo reactive dyes and mixtures of fiber-reactive azo dyes, their preparation and their use
 IN Eichhorn, Joachim; Meier, Stefan; Russ, Werner
 PA Dystar Textilfarben GmbH & Co Deutschland KG, Germany
 SO PCT Int. Appl., 158pp.
 CODEN: PIXXD2

DT Patent
 LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2007039573	A2	20070412	WO 2006-EP66911	20060929
	WO 2007039573	A3	20071129		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP,				

KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN,
 MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS,
 RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ,
 UA, UG, US, UZ, VC, VN, ZA, ZM, ZW
 RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
 IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ,
 CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH,
 GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
 KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA

DE 102005047391 A1 20070412 DE 2005-102005047391 20051005
 PRAI DE 2005-102005047391 A 20051005
 OS MARPAT 146:403636

L24 ANSWER 4 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 2006:1213583 CAPLUS
 DN 146:28829
 TI Active azo black black dye composition
 IN Liu, Weibin; Yang, Peng; Yan, Qinhua; Wang, Xiaoyong; Sha, Zhenzhong
 PA Hubei Hwalle Dye Industrial Co., Ltd., Peop. Rep. China
 SO Faming Zhuanli Shenqing Gongkai Shuomingshu, 15pp.
 CODEN: CNXXEV
 DT Patent
 LA Chinese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CN 1861694	A	20061115	CN 2006-10082903	20060619
PRAI	CN 2006-10082903		20060619		
OS	MARPAT 146:28829				

L24 ANSWER 5 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 2006:1191758 CAPLUS
 DN 146:28828
 TI Manufacture of active dye composition for dyeing of cellulose or protein fiber
 IN Zhao, Guosheng; Luo, Quannan; Ye, Yaoliang
 PA Zhejiang Runtu Co., Ltd., Peop. Rep. China
 SO Faming Zhuanli Shenqing Gongkai Shuomingshu, 10pp.
 CODEN: CNXXEV
 DT Patent
 LA Chinese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CN 1858118	A	20061108	CN 2006-10051926	20060609
PRAI	CN 2006-10051926		20060609		

L24 ANSWER 6 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 2006:316376 CAPLUS
 DN 144:490224
 TI Alkali-resistant black active dye suitable for dyeing cold rolling pile
 IN Wu, Zuwang; Feng, Baicheng; Wang, Zhuan; Lin, Li
 PA Dalian University of Technology, Peop. Rep. China
 SO Faming Zhuanli Shenqing Gongkai Shuomingshu, 10 pp.
 CODEN: CNXXEV
 DT Patent
 LA Chinese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CN 1730566	A	20060208	CN 2005-10047136	20050830
PRAI	CN 2005-10047136		20050830		
OS	MARPAT 144:490224				

L24 ANSWER 7 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 2006:313494 CAPLUS
 DN 145:64454
 TI Composite reactive black dye
 IN Zhu, Haigen; Jin, Weilong; Ban, Hui; Zhang, Jie; Liu, Jinbang
 PA Peop. Rep. China
 SO Faming Zhuanli Shenqing Gongkai Shuomingshu, 13 pp.
 CODEN: CNXXEV
 DT Patent
 LA Chinese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CN 1746230	A	20060315	CN 2005-10061172	20051018
PRAI	CN 2005-10061172		20051018		

L24 ANSWER 8 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 2005:962348 CAPLUS
 DN 143:231380
 TI Mixtures of reactive dyes and their use
 IN Hannemann, Klaus
 PA Ciba Specialty Chemicals Holding Inc., Switz.
 SO PCT Int. Appl., 35 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2005080508	A1	20050901	WO 2005-EP50477	20050204
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	EP 1713865	A1	20061025	EP 2005-701641	20050204
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, IS				
	CN 1918245	A	20070221	CN 2005-80004404	20050204
PRAI	EP 2004-100554	A	20040213		
	WO 2005-EP50477	W	20050204		

OS MARPAT 143:231380
 RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L24 ANSWER 9 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 2005:395401 CAPLUS
 DN 142:431537
 TI Mixtures of reactive azo dyes and their use for textile printing
 IN Tzikas, Athanassios; Roentgen, Georg; Fekete, Laszlo
 PA Ciba Specialty Chemicals Holding Inc., Switz.
 SO PCT Int. Appl., 41 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI WO 2005040285 A1 20050506 WO 2004-EP52489 20041011
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,
NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,
TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE,
SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE,
SN, TD, TG
EP 1675915 A1 20060705 EP 2004-766882 20041011
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK
CN 1871308 A 20061129 CN 2004-80030829 20041011
US 2007032641 A1 20070208 US 2006-576056 20060418
IN 2006CN01346 A 20070706 IN 2006-CN1346 20060419
PRAI EP 2003-103865 A 20031020
WO 2004-EP52489 W 20041011
OS MARPAT 142:431537
RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L24 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2005:140365 CAPLUS
DN 142:221171
TI Dye mixtures of fiber-reactive azo dyes, their preparation and their use
IN Meier, Stefan; Russ, Werner; Eichhorn, Joachim
PA Dystar Textilfarben G.m.b.H. & Co. Deutschland K-G., Germany
SO U.S. Pat. Appl. Publ., 58 pp.
CODEN: USXXCO

DT Patent
LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 2005034253	A1	20050217	US 2004-899163	20040726
DE 10337636	A1	20050317	DE 2003-10337636	20030816
IN 2004KO00454	A	20060804	IN 2004-KO454	20040730
EP 1508596	A1	20050223	EP 2004-18501	20040804
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
MX 2004PA07773	A	20050323	MX 2004-PA7773	20040811
CA 2477337	A1	20050216	CA 2004-2477337	20040812
CN 1594445	A	20050316	CN 2004-10057455	20040812
BR 2004003225	A	20050524	BR 2004-3225	20040812
ZA 2004006382	A	20050617	ZA 2004-6382	20040812
TW 276668	B	20070321	TW 2004-93124220	20040812
KR 2005017598	A	20050222	KR 2004-63948	20040813
KR 748813	B1	20070813		
JP 2005060708	A	20050310	JP 2004-236771	20040816
PRAI DE 2003-10337636	A	20030816		
OS MARPAT 142:221171				

L24 ANSWER 11 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2005:140364 CAPLUS
DN 142:221089
TI Dye mixtures of fiber-reactive azo dyes, their preparation and their use
IN Meier, Stefan; Russ, Werner; Eichhorn, Joachim
PA Dystar Textilfarben G.m.b.H. & Co., Germany
SO U.S. Pat. Appl. Publ., 50 pp.
CODEN: USXXCO
DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2005034252	A1	20050217	US 2004-898845	20040726
	DE 10337637	A1	20050317	DE 2003-10337637	20030816
	IN 2004KO00453	A	20060901	IN 2004-KO453	20040730
	EP 1508598	A1	20050223	EP 2004-18502	20040804
	EP 1508598	B1	20080319		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
	EP 1669417	A1	20060614	EP 2006-111472	20040804
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK				
	MX 2004PA07774	A	20050323	MX 2004-PA7774	20040811
	CA 2477407	A1	20050216	CA 2004-2477407	20040812
	CN 1590469	A	20050309	CN 2004-10057454	20040812
	ZA 2004006381	A	20050613	ZA 2004-6381	20040812
	BR 2004003270	A	20050524	BR 2004-3270	20040813
	KR 2005019059	A	20050228	KR 2004-64331	20040816
	JP 2005060707	A	20050310	JP 2004-236748	20040816
PRAI	DE 2003-10337637	A	20030816		
	EP 2004-18502	A3	20040804		
OS	MARPAT 142:221089				

L24 ANSWER 12 OF 14 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2003:777902 CAPLUS

DN 139:293419

TI Mixtures of reactive azo dyes, their production and their use

IN Eichhorn, Joachim; Russ, Werner; Meier, Stefan; Mrotzeck, Uwe

PA Dystar Textilfarben G.m.b.H. & Co. Deutschland K.-G., Germany

SO PCT Int. Appl., 220 pp.

CODEN: PIXXD2

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003080739	A1	20031002	WO 2003-EP2836	20030318
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
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	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
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IN Tzikas, Athanassios; Klier, Herbert

PA Ciba Specialty Chemicals Holding Inc., Switz.

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	RW:		GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG		
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